Amendments to the Abstract

Please replace the paragraph at page 30, lines 6 through 28 with the following amended paragraph:

A search engine is provided for searching, evaluating and/or optimizing an emergent model on a computer network. The emergent model is created by independently generating ~~data objects and/or function objects~~, publishing references to, ~~the data objects and/or the function objects~~ and subscribing to ~~the~~ data objects and/or ~~the functions~~ function objects ~~by creating relationships between the data objects and/or the function objects through referencing data objects within the function objects, thereby linking the data objects and/or the function objects, wherein networks of linked data objects and/or function objects emerge~~ in a manner free of a globally predefined data object and/or function object definition. ~~The emergent linked data objects and/or function objects are make available for further linking with other data objects and/or function objects and messages~~ Messages are sent to referencing data objects and/or function objects when referenced data objects and/or ~~referenced~~ function objects change. ~~The functions~~ Functions within the function objects are solved when the messages are ~~received, thereby causing at least one of the referenced data to be changed~~ received. The data objects and/or the function objects are stored in a distributed manner across multiple computing devices on a computer network. ~~The emergent linked data objects and/or function objects are independently published to, and subscribed to, in a manner free of a globally predefined data object and/or function object definition, thereby generating the emergent model. Access control is provided by identifying users of the emergent model and assigning appropriate read, write, execute and administrative permissions on a per data objects and/or function objects basis such that the permissions are used to limit access to the data objects and/or function objects.~~ At least one of the data objects is defined as an input data object and ~~defining~~ at least one of the data objects is defined as an output data object to a search engine, the search engine generating changes to the input data object until the output data object satisfies a predefined criteria.